

IN THE CLAIMS:

Kindly amend claim 10, cancel claims 11-29, and add new claims 30-33 as shown in the following listing of claims, which replaces all previous versions and listings of claims in this application.

1. - 9. (canceled).¹

10. (currently amended) A liquid crystal display device comprising: ~~a liquid crystal panel comprised of a first transparent plate having a plurality of segment electrodes, a~~ electrodes for receiving driving segment signals and a dummy segment electrode; ~~a second transparent plate having a plurality of common electrodes~~ for receiving driving common signals and a dummy common electrode, ~~the second transparent plate being spaced-apart from and opposite to the first transparent plate to define a gap therebetween, and~~ therebetween; ~~and a liquid crystal layer disposed in the gap between the first and second transparent electrodes, the electrodes; wherein the plurality of segment and common electrodes comprising a preselected number of segment and common electrodes for receiving driving segment and common signals, respectively, and defining~~ define a plurality of pixels arranged in a matrix for displaying an image, the dummy segment electrode is disposed outside of the segment electrodes defining the pixels for displaying an image, and

¹ Claims 1-9 were canceled in the response filed April 18, 2005.

the dummy common electrode is disposed outside of the common electrodes defining the pixels for displaying an image;
~~wherein the plurality of segment electrodes comprises at least one remaining segment electrode to be placed in a normally ON state and for receiving a~~ dummy segment electrode receives a
dummy segment signal waveform so that an effective voltage value between the dummy segment signal waveform and any waveform of the driving common signals exceeds a selection voltage applied across the liquid crystal layer, and the
~~plurality of common electrodes comprises at least one remaining common electrode to be placed in a normally ON state and for receiving a~~ dummy common electrode receives a dummy
common signal waveform so that an effective voltage value between the dummy common signal waveform and any waveform of the driving segment signals exceeds the selection voltage applied across the liquid crystal layer, thereby displaying a
~~frame on a portion of the liquid crystal panel not corresponding to the pixels~~ whereby dots formed by the dummy segment electrode and the common electrodes and dots formed by
the dummy common electrode and the segment electrodes are placed in a normally ON state.

11. - 29. (canceled).

30. (new) A liquid crystal display device according to claim 10; wherein the dummy common signal waveform is asynchronous to a frame line marker signal, has an equal H·L time in one period, and does not coincide with a liquid-crystal AC-field generating signal.

31. (new) A liquid crystal display device according to claim 30; wherein the dummy common signal waveform is obtained by dividing down the liquid-crystal AC-field generating signal for level shift to the same potential as that of a segment voltage.

32. (new) A liquid crystal display device according to claim 30; wherein the dummy common signal waveform is a signal waveform obtained by dividing down the liquid-crystal AC-field generating signal to 1/2.

33. (new) A liquid crystal display device according to claim 10; wherein the dummy segment signal waveform has the same period as a liquid-crystal AC-field generating signal and the same potential as the waveform applied to the dummy common electrode.